DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS

the specification of	which:			
is atta	ached hereto;			
		r 9, 2003 as Applica (if applicable)		6 57,910 and
was on on	filed as PCT interna and (if	tional application No was amended under applicable).	o. PCT Article 19	,
		ed and understood the mended by any amer		
		lose information whi e 37, Code of Federa		
foreign application below any foreign a	(s) for patent or inve	enefits under Title 3 ntor's certificate liste t or inventor's certifi laimed:	ed below and have a	also identified
Prior Foreign App	olication(s):			
Number	Country	Filing Date	Status	Priority Claimed (Y/N)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed

U.S.S.N: 10/657,910 3653292v1 Page 1 of 9

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior US National Application(s) Application(s) and PCT Applications Designating the US:

Number	Country	Filing Date	Status	Priority
				Claimed (Y/N)
PCT/US03/07377	PCT	March 7, 2003	Pending	Y

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national filing date of this application.

Prior US Provisional Application(s):

Number	Country	Filing Date	Status	Priority
		_		Claimed (Y/N)
60/362,883	U.S.	March 8, 2002	Expired	Y
60/380,711	U.S.	May 14, 2002	Expired	Y

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Name:	Kenichi Chiba		
Signature:	Kenichi Chiba	Date:	Apr. 121/2004
Residence Address:	5-20-401 Oomachi Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

U.S.S.N: 10/657,910 3653292v1 Page 2 of 9

Name:	Hong Du		
Signature:	Hongra	Date:	4/22/04
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:		Date:	
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:		Date:	
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	<u> </u>	

Name:	Masaki Goto		
Signature:	,	Date:	
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hong Du		
Signature:		Date:	
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:	yorkihita Eguchi	Date:	April 21 2004
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:	Masanovi Fujita 128-3-6 Hitachinonishi,	Date:	April 22.2004
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masaki Goto		
Signature:	marahi Octo	Date:	April . 2/. 2004
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:	Mush	Date:	4/27/04
Residence Address:	28 Algonouin Avenue Andover, Massachusetts 01810	Citizenship:	Ú.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		1

Name:	Atsushi Inoue		
Signature:		Date:	
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		1

Name:	Megumi Kawada		
Signature:		Date:	
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:		Date:	
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange	
Signature:	VIOLENDE	Date: 515 04
Residence Address: (57 William Street, Andover, Massachusetts 01810	Citizenship: France
Correspondence Address:	Same as above	

Name:	Atsushi Inoue		
Signature:		Date:	
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	ame: Megumi Kawada		
Signature:	l l	Date:	
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	I	

Name:	Fabian Gusovsky		
Signature:		Date:	
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

Name:	Atsushi Inoue		
Signature:	Atoushi Inoue	Date:	April 21, 200
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	•	

Name:	Megumi Kawada		
Signature:	meguni Kawada	Date:	april 21. 2004
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	fapan
Correspondence Address:	Same as above		

Name:	Takatoshi Kawai		
Signature:	Takatoshikamai	Date:	Apr 21, 2004
Residence Address:	2-11-33 Higashi Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshiyuki Kawakami		
Signature:	Chiling & Questing)	Date:	April 21,2004
Residence Address:	3 6-2 Tokođai, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	. 1	

Name:	Akifumi Kimura		
Signature:	Alipa. Kimura	Date:	April 21,2004
Residence Address:	7-2 Inarimae Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	I	

Name:	Makoto Kotake		
Signature:	Makoto Kotake	Date:	Apr. 21,204
Residence Address:	144-3-515 Abiko Abiko-shi, Chiba, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	1	

Name:	Yoshikazu Kuboi		
Signature:	Jahrifuger Juper	Date:	Apr ,2/ 2008
Residence Address:	2-13-14 A302 Matsushiro, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Tomohiro Matsushima		
Signature:	Tomohiro Matsushima	Date:	Apr. 21.2004
Residence Address:	10-2, Tagu 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshiharu Mizui		
Signature:	Yoshiloru Mizai	Date:	Apr. 21.2004
Residence Address:	5-74 Ninomiya 4-Chome Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Kenzo Muramoto		
Signature:	Kenjo huranola	Date:	Apr 21,204
Residence Address:	4-2-19 Ninomiya Tsukuba-shi, Ibaraki 305-0051, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hideki Sakurai		
Signature:	Hidelai Salonrai	Date:	April 2/.2004
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yong-Chun Shen		
Signature:		Date:	
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Hiroshi Shirota		
Signature:		Date:	
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Mark Spyvee		
Signature:		Date:	
Residence Address:	75 Laura Lane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
Correspondence Address:	Same as above		J

Name:	Hideki Sakurai		
Signature:		Date:	
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		I.,

Name:	Yong-Chun Shen		
Signature:	Joyshunshe is	Date:	April 28,2004
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Hiroshi Shirota		,
Signature:	14. Sonda	Date:	4/27/04
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Mark Spyvee		
Signature:	MA	Date:	5/3/04.
Residence Address:	75 Laura Zane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
Correspondence Address:	Same as above		

Name:	Isao Tanaka		
Signature:	Osar Tanaka	Date:	4/23/2004
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:		Date:	
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606	Citizenship:	Canada
Correspondence Address:	Same as above	1	

Name:	Satoshi Yamamoto		
Signature:	Satishi Manamolo	Date:	Apr. 21.2004
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Isao Tanaka		
Signature:		Date:	
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang	1/1/		
Signature:		Im May	Date:	4/27/04
Residence Address:	344 River Road Andover, Massachuset	ts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above			

Name:	Ray Wood		
Signature:		Date:	
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:		Date:	
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		<u> </u>

Name:	Isao Tanaka		
Signature:		Date:	
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:	1 an Co Come	Date:	4/28/04
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606 Rale 196 Ru	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:		Date:	
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Naoki Yoneda				
Signature:	Naok: youeda	Date:	April 22,	2009	
Residence Address:	1-906-306 Takezono Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan		
Correspondence Address:	Same as above	1			



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chiba, et al.

Examiner:

NYA

Serial No.:

10/657,910

Art Unit:

NYA

Filing Date:

September 9, 2003

Title:

MACROCYCLIC COMPOUNDS USEFUL AS

PHARMACEUTICALS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY

The undersigned hereby appoints:

Attorney/Agent	Registration No.
Sam Pasternack, Ph.D.	29,576
Donald W. Muirhead	33,978
Brenda Herschbach Jarrell, Ph.D.	39,223
Anne. E. Saturnelli	41,290
Kevin Tormey	41,351
Elizabeth E. Nugent, Ph.D.	43,839
Theresa A. Devlin, Ph.D.	45,361
Valarie B. Rosen, Ph.D.	45,698
C. Hunter Baker, M.D., Ph.D.	46,533
Monica Gerber, M.D., Ph.D.	46,724
Elijah Cocks	47,499
Nadége M. Lagneau, Ph.D.	51,908
Charles Lyon, Ph.D.	Limited Recognition Under 37 CFR § 10.9(b)
Stacy Blasberg	52,625

U.S.S.N: 10/657,910 3653668v1 Page 1 of 2

as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to:

Patent Department Choate, Hall & Stewart Exchange Place, 53 State Street, Boston, Massachusetts 02109

Respectfully submitted,

Name: Hiroshi Yoshino

Title: Director of Intellectual Property Department

On behalf of Eisai Co., Ltd.

Dated:

U.S.S.N: 10/657,910 3653668v1 Page 2 of 2



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chiba, et al.

Examiner:

NYA

Serial No.:

10/657,910

Art Unit:

NYA

Filing Date:

September 9, 2003

Title:

MACROCYCLIC COMPOUNDS USEFUL AS

PHARMACEUTICALS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION (37 CFR § 3.73(b))

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

Inventor	Assignee
Kenichi Chiba	Eisai Co., Ltd.
Hong Du	Eisai Co., Ltd.
Yoshihito Eguchi	Eisai Co., Ltd.
Masanori Fujita	Eisai Co., Ltd.
Masaki Goto	Eisai Co., Ltd.
Fabian Gusovsky	Eisai Co., Ltd.
Jean-Christophe Harmange	Eisai Co., Ltd.
Atsushi Inoue	Eisai Co., Ltd.

U.S.S.N: 10/657,910

3653521v1

Page 1 of 3

Attorney Docket No.: 2003946-0056

Client Reference No.: ANDI/CIP

Megumi Kawada	Eisai Co., Ltd.
Takatoshi Kawai	Eisai Co., Ltd.
Yoshiyuki Kawakami	Eisai Co., Ltd.
Akifumi Kimura	Eisai Co., Ltd.
Makoto Kotake	Eisai Co., Ltd.
Yoshikazu Kuboi	Eisai Co., Ltd.
Tomohiro Matsushima	Eisai Co., Ltd.
Yoshiharu Mizui	Eisai Co., Ltd.
Kenzo Muramoto	Eisai Co., Ltd.
Hideki Sakurai	Eisai Co., Ltd.
Yong-Chun Shen	Eisai Co., Ltd.
Hiroshi Shirota	Eisai Co., Ltd.
Mark Spyvee	Eisai Co., Ltd.
Isao Tanaka	Eisai Co., Ltd.
John (Yuan) Wang	Eisai Co., Ltd.
Ray Wood	Eisai Co., Ltd.
Satoshi Yamamoto	Eisai Co., Ltd.
Naoki Yoneda	Eisai Co., Ltd.

Thus, the Assignee of the inventors' entire right, title, and interest is:

Eisai Co., Ltd.

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

U.S.S.N: 10/657,910 3653521v1

	documents already recorded in the PTO on		
	Reel	Frame; and	
X	documents separately submit documents is attached).	itted for recordal to the PTO (a copy of these	

STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: Phinshi Yoshims Name: Hiroshi Yoshino Title: Director of Intellectual	Eisai Co., Ltd. 6-10, Koishikawa 4-Chome Bunkyo-ku Tokyo 112-8088 Japan	April 22,

Property Department

Page 3 of 3

COPY

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Kenichi CHIBA of Tsuchiurashi, Ibaraki, Japan; Yoshihito EGUCHI of Kashiwa-shi, Chiba, Ibaraki, Japan; Masanori FUJITA of Ushiku-shi, Ibaraki, Japan; Masaki GOTO of Tsuchiura-shi, Ibaraki, Japan; Atsushi INOUE, of Tsukuba-shi, Ibaraki, Japan; Megumi KAWADA of Ushiku-shi, Ibaraki, Japan; Takatoshi KAWAI of Tsukuba-shi, Ibaraki, Japan; Yoshiyuki KAWAKAMI, of Tsukuba-shi, Ibaraki, Japan; Akifumi KIMURA, of Tsukuba-shi, Ibaraki, Japan; Makoto KOTAKE, of Abiko-shi, Chiba, Japan; Yoshikazu KUBOI, of Tsukuba-shi, Ibaraki, Japan; Tomohiro MATSUSHIMA, of Ushiku-shi, Ibaraki, Japan; Yoshiharu MIZUI, of Tsukuba-shi, Ibaraki, Japan; Kenzo MURAMOTO, of Tsukuba-shi, Ibaraki 305-0051, Japan; Hideki SAKURAI, of Tsukuba-shi, Ibaraki, Japan; Satoshi YAMAMOTO, of Moriya-shi, Ibaraki, Japan; Naoki YONEDA, of Tsukuba-shi, Ibaraki, Japan, hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

U.S.S.N: 10/657,910 3653178 1.DOC Page 1 of 10

IN WITNESS WHEREOF, I hereto set my hand and seal	lat Tsukuba-shi,
IBARAKI, Japan this 21 day of	Aprîl , 2004.
	Kenichi Chiba Name: Kenichi CHIBA
Witness: Suko VENO Name: Yu Ko VENO	Date: April 21, 2004
Witness:	Date:
nayuni Kameslita	April 21, 200 4
Name: Mayumi KAMESHITA	
IN WITNESS WHEREOF, I hereto set my hand and sea [BARAK] Japan this 21 day of	
•	yorhihita Eguchi
	Name: Yoshihito EGUCHI
Witness: Luko Ueno Name: Yu Ko UENO	Date: Apr:/2/, 2004
Witness:	Date:
nayuni Laneshita	April 21, 2004
Name: Mayumi KAMESHITA	2002047 005

U.S.S.N: 10/657,910 3653178_1.DOC Page 2 of 10

IN WITNESS WHEREOF, I hereto	set my hand and sea	lat Tsukuba - shj ,
IBARAKI, Japan this		A
,		Onasamuri Fujtia Name: Masanori FUJITA
Witness: Juko Ueno Name: Yuko UENO		Date: Apr; / 2/, 2004
Witness:		Date:
mayumi Kanashitu	•	April 21,2004
Name: Mayumi KAMESHITA		
IN WITNESS WHEREOF, I hereto	set my hand and sea	il at <u>Tsukuba - shi</u>
IBARAKI, Japan this	day of _	<u>april</u> , 2004
		Masaki GoTO
Witness: Juko Ueno Name: Yuko UENO		Date: Apr:/ >/. 2004
Witness:		Date:
Mayuni Kameshita		April 21,2004
Name: Mayumi KAMESHITA		
U.S.S.N: 10/657,910	A Page 3 of 10	Attorney Docket No.: 2003946-005

U.S.S.N: 10/657,910 3653178_1.DOC

IN WITNESS WHEREOF, I hereto	set my hand and sea	ıl at <u>Tsukuba - shi</u> ,
18ARAKI, Japan this	3 day of _	April , 2004
		Atsush Inous
		Name: Atsushi INOUE
Witness:		Date:
Name: Yuko UENO		April 21. 2004
Witness:		Date:
mayani Lanskita		April 21, 2004
Name: Mayumi KAMESHIT	A	
IN WITNESS WHEREOF, I hereto		
Witness: Luko Weno Name: Yuko VENO	-	Date: Apr:/ 21. 2004
Witness:		Date:
nayini Komeskit	ā	April 21, 2004
Name: Mayumi KAMESHITA		
U.S.S.N: 10/657,910 3653178_1.DOC	Page 4 of 10	Attorney Docket No.: 2003946-0056 Client Reference No.: ANDI/CII

IN WITNESS WHEREOF, I hereto	set my hand and sea	alat <u>Tsukuba</u> -shi,
Ibaraki, Japan this	2 /day of _	April, 2004
		Takatoh Lama
		Name: Takatoshi KAWAI
Witness: Juka Ulno Name: Yuko VENO	·	Date: Apr:/2/.2004
Name: Yu Ko VENO		
Witness:		Date:
nayumi Lanesbit	ta	April 21, 2004
Name: Mayumi KAMESHITA		
IN WITNESS WHEREOF, I hereto		
		Marine: Yoshiyuki KAWAKAMI
Witness:		Date:
Mayuni Kameshita Name: Mayumi KAMESHITA	A	April 21,2004
Witness: Seeka Ueno Name: Y. La UENO		Date: Apr./2/, 2004
U.S.S.N: 10/657,910 3653178_1.DOC	Page 5 of 10	Attorney Docket No.: 2003946-0056 Client Reference No.: ANDI/CIP

IN WITNESS WHEREOF, I hereto set my hand and seal	at _ Jsububa - shi ,
Ifaraki Jupan this 2 day of	Spril, 2004
	Name: Akifumi KIMURA
Witness: Juko Ueno Name: Yuko UENO	Date: April 21. 2004
Witness: Mayumi KAMESHITA Mayumi KAMESHITA	Date: April 21, 2004
IN WITNESS WHEREOF, I hereto set my hand and sea Thanki, Tapan this 2/ day of	Apri/, 2004
	Maketo Kotake Name: Makoto KOTAKE
Witness: Luko Vene Name: Yuko UENO	Date: April 21. 2004
Witness: Name: Mayumi KAMESHITA	Date:

U.S.S.N: 10/657,910 3653178_1.DOC Page 6 of 10

IN WITNESS WHEREOF, I hereto set my hand and sea	lat Sutupa - Shi,
Ibarati, Japan this of day of	<u>April</u> , 2004
1	Noshikaza Enbai
	Name: Yoshikazu KUBOI
Witness: Juko VENO	Date: Apr: / 2/, 2004
Name: Yuko UENO	
Witness: Laneshita	Date: April 21, 2004
Name: Mayumi KAMESHITA	HPITT CITO
•	4 2 2
IN WITNESS WHEREOF, I hereto set my hand and sea	
Obaraki, fajan this 2/ day of	April, 2004
	Tomohiro Matsushima Name: Tomohiro MATSUSHIMA
Witness: Jecko Ueno Name: Yuko UENO	Date:
Name: Yuko UENO	
Witness:	Date:
Name: Mayumi KAMESHITA	April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and	i seal at <u>Taukuba-shi</u> ,
Ibaraki, Japan this 2/ day	
	Yoshikaru Mizui Name: Yoshiharu MIZUI
Witness: Luko Ueno Name: Yuko UENO	Date: Apr:/21,2004
Witness:	Date: April 21,2004
Name: Mayumi KAMESHITA	
IN WITNESS WHEREOF, I hereto set my hand an banaki / Japan this 21 day	
	Name: Kenzo MURAMOTO
Witness: Luko Ueno Name: Yuko UENO	Date: April 2/, 2004
Witness: Trayumi Zaneskita Name: Mayumi KAMESHITA	Date: April 21,2006

IN WITNESS WHEREOF, I hereto set my hand and seal	lat <u>Tsukuha-shi</u> ,
1BARAKI, Japan this 21 day of	April , 2004
	Mideki Sakurai Name: Hideki SAKURAI
Witness: Jewso Ueno Name: Yuko UENO	Date: Apri/2/, 2004
Witness:	Date:
mayuni Kaneslita	April 21,2004
Name: Mayumi KAMESHITA	
IN WITNESS WHEREOF, I hereto set my hand and sea Lbaraki, Japan this 23th day of	
	Name: Isao TANAKA
Witness: Juke Ueno Name: Yuko UENO	Date: April 21, 2004
Witness:	Date:
Mayuni Kanshita Name:	April 23,200 K
Mayumi KAMESHITA	•

U.S.S.N: 10/657,910 3653178_1.DOC Page 9 of 10

IN WITNESS WHEREOF, I hereto set my hand and seal	at Tsukuba-shi,
TBARAKI . Japan this 2/ day of _	
	Satoshi Mamamoto Name: Satoshi YAMAMOTO
Witness: Juko Ueno Name: Yuko VENO	Date: April 21, 2004
Witness: Mayumi Kameshita Name: Mayumi KAMESHITA	Date: April 2/, 2004
IN WITNESS WHEREOF, I hereto set my hand and seal	
	Name: Naoki YONEDA
Witness: Jecko Ueno Name: Yuko UENO	Date: April 21, 2004
Witness: Name: 850 (知识) 10 m2.	Date: April 22, 2004

Mayumi KAMESHITA

U.S.S.N: 10/657,910 3653178_1.DOC Page 10 of 10

COPY

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Hong DU of North Andover, Massachusetts; Fabian GUSOVSKY of Andover, Massachusetts; Jean-Christophe HARMANGE of Andover, Massachusetts; Yong-Chun SHEN of Tewksbury, Massachusetts; Hiroshi SHIROTA of Belmont, Massachusetts; Mark SPYVEE of Hampstead, New Hampshire; John (Yuan) WANG of Andover, Massachusetts; and Ray WOOD of Raley, North Carolina hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

IN WITNESS WHEREOF, I hereto s Wilmington, Ma. this	set my hand and seal at 100 h	Research De.
Wilmenglan, Ma	ay or <u>cyric</u>	, 200 11
	Ho	ny P
	Name: Hon	gDU
STATE OF Massachusett		
COUNTY OF Middleset	SS.	
	f <u>Gard</u> , 2004, persona	ally appeared
and acknowledged that he executed the contained.	same as his free act and deed for	the purposes therein
	Linda & Buch	ley
	NOTARY PUBLIC	LINDA J. BUCKLEY Notary Public
[Notary's Seal Here]	My Commission Expires:	Commonwealth of Massachusetts My Commission Expires October 18, 2007
IN WITNESS WHEREOF, I hereto s Wilnington, ma this	set my hand and seal at 100 R	Poearch Dr., 2004.
a resignation of the second		
	Name: Rabi	an GUSOVSKY
STATE OF Massachuel	<u>Ta</u>	
COUNTY OF Midlesof	SS.	
Refore me this 27 day o	f	ally appeared
Fabian GUSOVSKY known to me to Assignment and acknowledged that he purposes therein contained.	be the person whose name is subs executed the same as his free act	and deed for the
	Sind J Budley NOTARY PUBLIC	LINDA J. BUCKLEY Notary Public Commonwealth of Massachusetts My Commission Expires
[Notary's Seal Here]	My Commission Expires:	My Commission Expires October 18, 2007

U.S.S.N: 10/657,910 3653239v1 Page 2 of 5

in witness whereof, I h	ereto set i	ny hand and sea	l at	2004	,
	_ this	day of _		, 2004	.
			Name: Jean	1-Christoph	e HARMANGI
STATE OF					
		SS.			
COUNTY OF	<u> </u>				
Before me this Jean-Christophe HARMANGI foregoing Assignment and acknow the purposes therein contained.	E known t	o me to be the pe	erson whose r	name is subsc	cribed to the
		NOTARY PUBL	IC		
[Notary's Seal Here]		My Commiss	ion Expires:		
JOHN PAUL CARTER Notary Public Commonwealth of Massachuse My Commission Expires October 11, 2007	this	ny hand and sea ≥ \$ day of _	Name: You	Learle g-Chun SH	EN
STATE OF WASS					
COUNTY OF 555 E	<u> </u>	SS. 			
Before me this <u>28</u> Yong-Chun SHEN known to m Assignment and acknowledged t purposes therein contained.	day of e to be the hat he exe	general person whose notice the same a	2004, person name is subscr as his free act	ally appeared libed to the for and deed for	i oregoing the
JOHN CARTER N. ry Public Commonwealth of Massachusetts My Commission Expires Notary's Scalobicic 2007		NOTARY PUBL	IC ()	en Pau	(/w
	Doo	re 3 of 5		Attorney Docket N	

U.S.S.N: 10/657,910 3653239v1 Page 3 of 5

in witness whereof, I h	ereto set my hand and seal a	t 100 Research Dr.
Welmengton, Ma	_ this 27^{4} day of	april, 2004.
/		0111
	_	18-Starte
	1	Name: Hiroshi SHIROTA
STATE OF Washington	SS.	
COUNTY OF Middlesey	6	
•	day of	004
Before me this \checkmark	day of, 2	me is subscribed to the foregoing
Assignment and acknowledged t	hat he executed the same as	his free act and deed for the
purposes therein contained.		
	Linky	D 11
	NOTARY PUBLIC	Buckley
	NOTARTTOBLE	Notary Bublia
[Notary's Seal Here]	My Commission	
		October 18, 2007
in witness whereof. I h	ereto set my hand and seal a	t 100 Research Dr.
Wilmenton Mrs	_ this 7 ~ day of	t 100 Rosenh Dr.
		Mist -
	Ĩ	Name: Mark SPYVEE
2		
STATE OF Massach	SS.	
COUNTY OF Riddles	el	
Before me this	day of	004, personally appeared
Mark SPYVEE known to me to Assignment and acknowledged t	hat he executed the same as	his free act and deed for the
purposes therein contained.	Hat He everage are parties as	LINDA J. BUCKLEY
		Notary Public Commonwealth of Massachusetts
	NOTARY PUBLIC	My Commission Expires October 18, 2007
	NOTART PUBLIC	1. O Bu Don
[Notary's Seal Here]	My Commissio	n Expires.
U.S.S.N: 10/657,910	Page 4 of 5	Attorney Docket No.: 2003946-0056
C.C.C.41. 10/02/1/10		Client Reference No.: ANDI/CIP

in witness whereof,]	I hereto set my hand and seal this <u>27s</u> day of	at 100 Re	search Drive	Wi/minglo-
MA01887	this 27st_ day of _	April	, 20 <u>04</u> .	V
,		nD	(Yuan) WANG	
STATE OF MA		V	V	
COUNTY OF Mussles	SS.			
Before me this 27 John (Yuan) WANG known to Assignment and acknowledged purposes therein contained.	day of, to me to be the person whose I that he executed the same a	name is subso	cribed to the fore	going
	NOTARY PUBLI	IC	LING a Notary Commonwealth	Public
[Notary's Seal Here]	My Commissi	on Expires:	My Commiss Ontober	ion Expires
	my	Musica Effe	Sinka & is Oct. 18.	zuollez zes 7
IN WITNESS WHEREOF, I	hereto set my hand and seal	at		
	this day of		, 20	
		Name: Ray	WOOD	·
STATE OF	 SS.			
COUNTY OF				
Before me this	day of, to e the person whose name is I that he executed the same a	subscribed to	the foregoing	
	NOTARY PUBLI	IC		
[Notary's Seal Here]	My Commissi	on Expires:		
U.S.S.N: 10/657,910	Page 5 of 5	A	Attorney Docket No.: 200)3946-0056

U.S.S.N: 10/657,910 3653239v1

in witness whereof, I i	nereto set my	hand and seal	at	
	this	day of _		, 20
			Name: Joh	n (Yuan) WANG
STATE OF		_		
		SS.		
COUNTY OF		_		
Before me this	day of	,	2004, person	nally appeared
John (Yuan) WANG known to	me to be the	person whose	name is sub	scribed to the foregoing
Assignment and acknowledged	that he execu	ited the same a	s his free ac	t and deed for the
purposes therein contained.				
·				
		NOTARY PUBL	íC	
[Notary's Seal Here]		My Commissi	on Expires:	
·				
IN WITNESS WHEREOF, II	this/	9 <u>44</u> day of	April Name: Ra	D. Cloud
	1			
COUNTY OF Orange	ina_	_ SS.		
COUNTY OF Orange		33.		
Before me this/9 ^{4/4} Ray WOOD known to me to be Assignment and acknowledged purposes therein contained.	_ day of _ <i>Q</i> e the person	whose name is	subscribed t	to the foregoing
		NOTARY PUBL	IC	
[Notary's Seal Here]		My Commiss	ion Expires:	10/16/2006
U.S.S.N: 10/657,910 3653239v1	Page	5 of 5		Attorney Docket No.: 2003946-0056 Client Reference No.: ANDI/CIP



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Hong DU of North Andover, Massachusetts; Fabian GUSOVSKY of Andover, Massachusetts; Jean-Christophe HARMANGE of Andover, Massachusetts; Yong-Chun SHEN of Tewksbury, Massachusetts; Hiroshi SHIROTA of Belmont, Massachusetts; Mark SPYVEE of Hampstead, New Hampshire; John (Yuan) WANG of Andover, Massachusetts; and Ray WOOD of Raley, North Carolina hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

IN WITNESS WHEREO	this	day of	, 2004.
		j	Name: Hong DU
STATE OF			
		SS.	
COUNTY OF		_	
Hong DU known to me to b	oe the person who	ose name is subs	004, personally appeared scribed to the foregoing Assignment and deed for the purposes therein
		NOTARY PUBLIC	<u>,</u>
[Notary's Seal Here]		My Commissio	n Expires:
IN WITNESS WHEREO	F, I hereto set m	y hand and seal a	nt, 2004.
		: :	Name: Fabian GUSOVSKY
STATE OF		_	
COUNTY OF		SS.	
Fabian GUSOVSKY know	vn to me to be th lged that he exec	e person whose:	004, personally appeared name is subscribed to the foregoing his free act and deed for the
		NOTARY PUBLIC	
[Notary's Seal Here]		My Commission	on Expires:
U.S.S.N: 10/657,910 3695508_1.DOC	Page	e 2 of 5	Attorney Docket No.: 2003946-005 Client Reference No.: ANDI/CI

3695508_1.DOC

in witness whereof,	I hereto set my	hand and sea	al atCom	bridge
HA	this	day of _	Hay	, 2004
			Name: Jean-	Christophe HARMANG
Witness: Name:			Date: 5/5/8	, <u> </u>
Witness: Sephenic bens N Name:	ly		Date:	
IN WITNESS WHEREOF,	I hereto set my this	hand and sea	nl at	, 2004.
			Name: Yong	-Chun SHEN
STATE OF		SS.		
Before me this	day of o me to be the po ed that he execu	erson whose ted the same	, 2004, personal name is subscrit as his free act a	lly appeared bed to the foregoing nd deed for the
		NOTARY PUB	LIC	
[Notary's Seal Here]		My Commis	sion Expires:	
110031 10/69010	Page 1	2 of 5		

U.S.S.N: 10/657,910 3695508_1.DOC Page 3 of 5

in witness whereof, I her	eto set my l	nand and sea	ıl at	
	this	day of _		, 2004.
			Name: Hir	oshi SHIROTA
TATE OF				
COUNTY OF	S	S.		
Before me this			, 2004, persoi	nally appeared
Hiroshi SHIROTA known to me	to be the pe	rson whose	name is subso	cribed to the foregoing
Assignment and acknowledged the purposes therein contained.	at he execute	ed the same	as his free ac	t and deed for the
	N	IOTARY PUBI	LIC	
Notary's Seal Here]	N	My Commiss	sion Expires:	
			-1 -4	
IN WITNESS WHEREOF, I he	reto set my i this	nang ang sea day of	11 at	2004.
			Name: Ma	ark SPYVEE
			Name: Ma	IKSFIVEE
STATE OF				
COUNTY OF		S.		
			2004	mally ammagned
Before me this of Mark SPYVEE known to me to lead to the Assignment and acknowledged the purposes therein contained.	tay of be the person at he execut	n whose nan ed the same	ne is subscrib as his free ac	ed to the foregoing t and deed for the
	1	NOTARY PUB	LIC	
[Notary's Seal Here] IN WITNESS WHEREOF, I he		•	sion Expires: al at	
U.S.S.N: 10/657,910 3695508 1.DOC	Page 4	of 5		Attorney Docket No.: 2003946 Client Reference No.: ANI

	this	day of	, 20
·		Na	me: John (Yuan) WANG
STATE OF		_	
COUNTY OF		SS.	
Before me this	day of	, 200	94, personally appeared
Assignment and acknowled purposes therein contained.	ged that he execu		me is subscribed to the foregoing is free act and deed for the
		NOTARY PUBLIC	
[Notary's Seal Here]		My Commission	Expires:
•			
IN WITNESS WHEREO	F, I hereto set my	hand and seal at	
		au) 01	
		Na	ame: Ray WOOD
STATE OF		_	
COUNTY OF		SS.	
Before me this Ray WOOD known to me Assignment and acknowled purposes therein contained.	ged that he execu	, 200 whose name is sub uted the same as h	04, personally appeared escribed to the foregoing is free act and deed for the
		NOTARY PUBLIC	
[Notary's Seal Here]		My Commission	Expires:

U.S.S.N: 10/657,910 3695508_1.DOC Page 5 of 5